

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-323625

(43)Date of publication of application : 12.11.1992

(51)Int.Cl.

G02F 1/136
G02F 1/133
G02F 1/1337
G02F 1/1343
H01L 27/12
H01L 29/784

(21)Application number : 03-092328

(71)Applicant : SONY CORP

(22)Date of filing : 23.04.1991

(72)Inventor : SATO TAKUO

(54) LIQUID CRYSTAL DISPLAY DEVICE

(57)Abstract:

PURPOSE: To prevent the generation a reverse tilt domain and to greatly improve the contrast of display images.

CONSTITUTION: The distance DB between a picture element electrode 1 and signal bus line 4 on the rear side of the rubbing direction P on the picture element electrode 1 side is set larger ($=6\mu\text{m}$) than the gap d ($=5\mu\text{m}$) between the picture element electrode 1 and a counter electrode 11. On the other hand, the distance DA between the picture element electrode 1 and the signal bus line 4 on the front side of the rubbing direction P on the picture element electrode 1 side is sent smaller ($=2\mu\text{m}$) than the gap d ($=5\mu\text{m}$) between the picture element electrode 1 and the counter electrode 11.

